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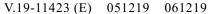
Committee on the Peaceful Uses of Outer Space

Information furnished in conformity with the Convention on Registration of Objects Launched into Outer Space

Note verbale dated 25 November 2019 from the Permanent Mission of the United Kingdom of Great Britain and Northern Ireland to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of the United Kingdom of Great Britain and Northern Ireland to the United Nations (Vienna), in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space (General Assembly resolution 3235 (XXIX), annex), has the honour to transmit registration information concerning the space object NSL-1 (see annex I) and additional information concerning the change of location of the space object HYLAS-1 (see annex II).







Annex I

Registration information on a space object launched by the **United Kingdom of Great Britain and Northern Ireland***

NSL-1

Information provided in conformity with the Convention on Registration of **Objects Launched into Outer Space**

Committee on Space Research

2019-038E

international designator

Name of space object

NSL-1

North American Aerospace Defense

Command Catalogue Number (NORAD

44391

ID)

State of registry United Kingdom of Great Britain and

Northern Ireland

Date and territory or location of launch 5 July 2019 at 0541 hours 46 seconds

UTC; Vostochny Cosmodrome, Russian

Federation

Basic orbital parameters

Nodal period 96.21 minutes Inclination 97.7 degrees 592 kilometres Apogee Perigee 562 kilometres

General function of space object Technology demonstration

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Space object owner or operator Clyde Space Ltd Website www.clyde.space

Launch vehicle Soyuz 2.1b Fregat-M

2/3 V 19-11423

^{*} The information was submitted using the form prepared pursuant to General Assembly resolution 62/101 and has been reformatted by the Secretariat.

Annex II

Additional information on a space object registered by the United Kingdom of Great Britain and Northern Ireland*

HYLAS-1

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Committee on Space Research

international designator

2010-065A

Name of space object HYLAS-1

State of registry United Kingdom of Great Britain and

Northern Ireland

Registration document ST/SG/SER.E/618

ST/SG/SER.E/618/Add.1 ST/SG/SER.E/618/Add.2

Date and territory or location of launch 26 November 2010 at 1839 hours UTC;

Guiana Space Centre, Kourou, French

Guiana

Basic orbital parameters

Nodal period 1,440 minutes
Inclination 0.04 degrees

Apogee 35,794 kilometres
Perigee 35,779 kilometres

General function of space object Communications satellite

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Basic orbital parameters

Geostationary position 79 degrees West

Change of position of the space object

Previous orbital position 18 degrees West

New orbital position 79 degrees West (completed 24 October

2019)

Space object owner or operator Avanti Communications Group PLC

Launch vehicle Ariane 5

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^{*} The information was submitted using the form prepared pursuant to General Assembly resolution 62/101 and has been reformatted by the Secretariat.